

Page 3, line 10, before "vibration" insert --a--, and change "means to
--transducer--;

line 16, before "vibration" insert --a--;

line 17, change "means" to --transducer--;

line 22, change "means" to --transducer--; and

line 28, change "means" to --exciter--.

Page 4, line 4, delete "see Annex A" and insert therefor --and

counterpart U.S. application No. 09/233,037, filed
January 20, 1999 (incorporated herein by reference).

Page 5, line 5, before the period insert --and U.S. 08/707,012--; and

line 24, delete "see Annex B" and insert therefor --and

counterpart U.S. application No. 09/287,109, filed
April 7, 1999 (incorporated herein by reference).

Page 6, line 14, before the comma insert --and U.S. 08/707,012--.

Page 8, line 14, before "interactive" insert --and--.

Page 10, line 19, before the comma insert --and U.S. 08/707,012--.

Page 12, line 8, before the period insert --and U.S. 08/707,012--.

Page 14, line 10, before the period insert --and U.S. 08/707,012--.

IN THE CLAIMS

Please cancel claims 18 and 31.

Please amend the remaining claims as follows:

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1. (Amended) A loudspeaker [drive unit] assembly comprising a visual display screen, a [resonant] panel-form member positioned adjacent to the display screen and at least a portion of which is transparent and through which the display screen is visible, and at least one vibration exciting [means] transducer mounted to an edge or marginal portion of the panel-form member to cause the panel-form member [to resonate] to act as an acoustic radiator, wherein the panel-form member is adapted to be resonant when excited at audio frequencies, wherein the vibration exciting transducer is adapted to apply bending wave energy to the panel-form member to cause it to resonate to act as an acoustic radiator when resonating, and wherein one or more marginal portions of the panel-form member are clamped or restrained.
 2. (Amended) A loudspeaker [drive unit] assembly according to claim 1, wherein the whole of the resonant panel-form member is transparent.
 3. (Amended) A loudspeaker [drive unit] assembly as claimed in claim 1 or claim 2, wherein the [resonant] panel-form member is of plastics.
 4. (Amended) A loudspeaker [drive unit] assembly as claimed in claim 1 or claim 2 [any one of claims 1 to 3], wherein the [resonant] panel-form member is selected from the group consisting of polystyrene, polycarbonate, [or] glass [or] and a laminate of plastics and glass.
 5. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], wherein the panel-form member is a laminate comprising a core of plastics or aerogel with skins of glass.
 6. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], comprising more than one vibration exciting [means] transducer.

7. (Amended) A loudspeaker [drive unit] assembly according to [any preceding claim, wherein the or each] claim 1 or claim 2, comprising vibration exciting [means is] transducers mounted in pairs to [an] at least one edge or marginal portion of the panel-form member.
8. (Amended) A loudspeaker [drive unit] assembly according to [any preceding claim, comprising] claim 7, wherein the vibration exciting transducers are coupled directly to [exciters mounted in pairs to an edge or edges or marginal portions of] the panel-form member.
9. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], wherein the [or each] vibration exciting [means] transducer is coupled directly to the panel-form member.
10. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], wherein the vibration exciting [means] transducer is electrodynamic.
11. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], wherein the vibration exciting [means] transducer is inertial.
12. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], comprising an associated [supporting means in which the drive unit is mounted] support for the loudspeaker assembly.
13. (Amended) A loudspeaker [drive unit] assembly according to claim 12, wherein the associated [supporting means] support is a frame or chassis.
14. (Amended) A loudspeaker [drive unit] assembly according to [claim 12 or] claim 13, wherein the resonant panel-form member is resiliently supported on the associated [supporting means] support.

15. (Amended) A loudspeaker [drive unit] assembly according to claim 14, [any one of claims 12 to 14], wherein the [or each] vibration [exciter] exciting transducer is resiliently mounted in the associated [supporting means] support.

16. (Amended) A loudspeaker [drive unit] assembly according to [any one of claims 12 to 15] claim 15, wherein the panel-form member is rectangular, and wherein [the] a resilient panel support extends along at least three adjacent edges of the panel-form member.

17. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any one of claims 1 to 9 or 12 to 16], wherein the vibration exciting transducer [exciter] comprises a transparent piezoelectric or electret on or in at least a part of the panel-form member.

19. (Amended) A loudspeaker [drive unit] assembly according to [claim 18] claim 1 or claim 2, wherein the whole periphery of the panel-form member is mechanically clamped.

20. (Amended) A loudspeaker [drive unit] assembly according to [any preceding claim] claim 1 or claim 2, wherein the panel-form member is mounted in an associated cavity [defining means] or enclosure enclosing a face of the panel-form member whereby acoustic radiation from the [said] enclosed face is at least partly contained within the enclosure or cavity.

21. (Amended) A loudspeaker [drive unit] assembly according to claim 20, wherein the enclosure or cavity is shallow in depth such as to modify the modal behaviour of the panel-form member.

22. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], wherein the display screen is integral with the panel-form member.
23. (Amended) A loudspeaker assembly according to claim 22, wherein the integral display screen comprises a light emitting surface [or transmitting or reflective means].
24. (Amended) A loudspeaker [drive unit] assembly according to [any preceding claim] claim 1 or claim 2, wherein the panel-form member forms the external face of a visual display unit or the like.
25. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], comprising a polymer-film liquid crystal display bonded or otherwise mounted on the panel-form member.
26. (Amended) A loudspeaker [drive unit] assembly according to claim 1 or claim 2 [any preceding claim], wherein the resonant panel-form member has a user-accessible surface and means on or associated with the surface and responsive to user contact.
27. (Amended) A loudspeaker [drive unit] assembly according to claim 26, [comprising pads, areas, switches or buttons] wherein the user-responsive means on the panel-form member [and which provide a means for] allows instructions or information to be entered, and is selected from the group consisting of pads, areas, switches and buttons.
28. (Amended) A loudspeaker [drive unit] assembly according to claim 26 [or 27, comprising], where the user-responsive means comprises visible areas on the panel-form member, [and] delineated by printing or labelling, which [to] sense the presence or contact by a user.
29. (Amended) A loudspeaker [drive unit] assembly according to [any one of claims 26 to 28 comprising] claim 26, wherein the user-responsive means comprises metallised

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user responsive contacts of transparent metal oxide film or thin metal film on the panel-form member.

30. (Amended) A loudspeaker [drive unit] assembly according to [any one of claims 26 to 29] claim 26, wherein the user responsive means is positioned at the perimeter of the panel-form member.

32. (Amended) A display screen module comprising a loudspeaker [drive unit] assembly as claimed in [any preceding claim] claim 1 or claim 2, and a chassis or frame supporting the display screen and [resiliently] supporting the transparent panel-form member.

33. (Amended) A telephone receiver comprising a loudspeaker [drive unit] assembly as claimed in [any preceding] claim 1 or claim 2.

34. (Amended) A portable personal computer comprising a loudspeaker [drive unit] assembly as claimed in [any preceding claim] claim 1 or claim 2.

35. (Amended) A portable personal computer as claimed in claim 34, comprising a body having a key pad and a lid adapted to enclose the key pad and carrying a display screen, and wherein the display screen comprises [a] the loudspeaker [drive unit as claimed in any one of claims 1 to 30] assembly.

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Please add the following new claims:

--36. A loudspeaker assembly according to claim 12, wherein the vibration exciting transducer is resiliently mounted in the associated support.

37. A loudspeaker assembly according to claim 14, wherein the panel-form member is rectangular, and wherein a resilient panel support extends along at least three adjacent edges of the panel-form member.

39. A loudspeaker assembly according to claim 22, wherein the integral display screen comprises a light reflective surface.--

$\{f_{\alpha}^{(1)}\}_{\alpha \in \mathcal{A}}$ from $\{f_{\alpha}^{(0)}\}_{\alpha \in \mathcal{A}}$ in $\mathcal{L}^2(\mathbb{R}^d)$ as

$$f_{\alpha}^{(1)} = f_{\alpha}^{(0)} + \frac{1}{\epsilon} \left(\int_{\mathbb{R}^d} f_{\alpha}^{(0)} dx - \int_{\mathbb{R}^d} f_{\alpha}^{(0)} dx \right) + \frac{1}{\epsilon} \left(\int_{\mathbb{R}^d} f_{\alpha}^{(0)} dx - \int_{\mathbb{R}^d} f_{\alpha}^{(0)} dx \right)$$